



SIGN SPACING TABLE	
Speed	X
45/50 MPH	150 m ±
35/40 MPH	105 m ±
25/30 MPH	60 m ±

CHANNELIZING DEVICE SPACING (m)		
MPH	Taper	Tangent†
35/50	9	18
25/30	6	12

MINIMUM TAPER LENGTH = L IN METERS						
Lane Width (m)	Posted Speed (MPH)					
	25	30	35	40	45	50
3.0	32	46	63	83	138	153
3.3	36	51	69	90	151	168
3.6	39	55	75	98	165	183

LEGEND

□ □ □ Channelizing Devices

Typical application - Shoulder work on four lane highway.

NOTES

1. No encroachment on travelled lane. If encroachment is necessary, lane must be closed.
2. See Buffer Data Table. Use of buffer vehicle is recommended, it may be a work vehicle. If buffer vehicle is used, minimum distance from end of taper to work area shall be total of "R" (roll ahead distance) plus length of vehicle, plus "B" (buffer space). If buffer vehicle is not used, minimum distance shall be "B".

BUFFER DATA						
Buffer Space						
Speed (MPH)	25	30	35	40	45	50
B (m) =	17	26	37	52	67	86
Buffer Vehicle Roll Ahead Distance						
4 Yard Dump Truck 24,000 LBS				Stationary Operation		
R (m) =				30		

FOR LOCAL
AGENCY USE

TRAFFIC CONTROL PLAN
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

APPROVED MONTH DAY, YEAR
STANDARD PLAN K-17